

Message

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Sent: 3/5/2019 4:22:16 PM
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Subject: EtO Follow-up and requested materials
Attachments: Shintani, 2017.pdf

Hello David and Jennifer,

I would like to thank both of you (and everyone else on the call) for your time yesterday and appreciate the opportunity to give you an overview of EtO and ORD's efforts to work toward solutions.

As requested by David, I have attached a review article published in 2017 that discusses EtO sterilization (process, pros, cons, etc.), specifically as it pertains to the medical field. In addition, I've added a few weblinks below that offer "shorter" explanations to the process and/or information on specific company's processes. I hope this helps to answer some of your remaining questions, but I also welcome the opportunity for further discussion.

Best,
Tiffany

Additional information from manufacturers

-Best (short) explanation of how EtO sterilization works (from Anderson Products, <http://www.anpro.com/>):
<http://www.anpro.com/assets/how-does-ethylene-oxide-sterilize.pdf>

-Very little information on process, but this is how Sterigenics defines their EtO process:
<https://sterigenics.com/technologies/ethylene-oxide/>

-Another explanation of why EtO sterilization is used (from 3M):

<https://multimedia.3m.com/mws/media/1057877O/3m-steri-vac-ethylene-oxide-sterilization-systems.pdf?fn=70-2011-5626-5%20Steri-Vac%20Sterili>

-A better explanation of the chemical process:

<https://www.steris-ast.com/services/ethylene-oxide-sterilization/>

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